

Data Path : Z:\HPCHEM1\BNA E\DATA\BE030618\
 Data File : BE095701.D
 Acq On : 6 Mar 2018 17:21
 Operator : SJ/JU
 Sample : PB107119BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :

Quant Time: Mar 07 01:10:24 2018
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE022318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 23 12:12:42 2018
 Response via : Initial Calibration

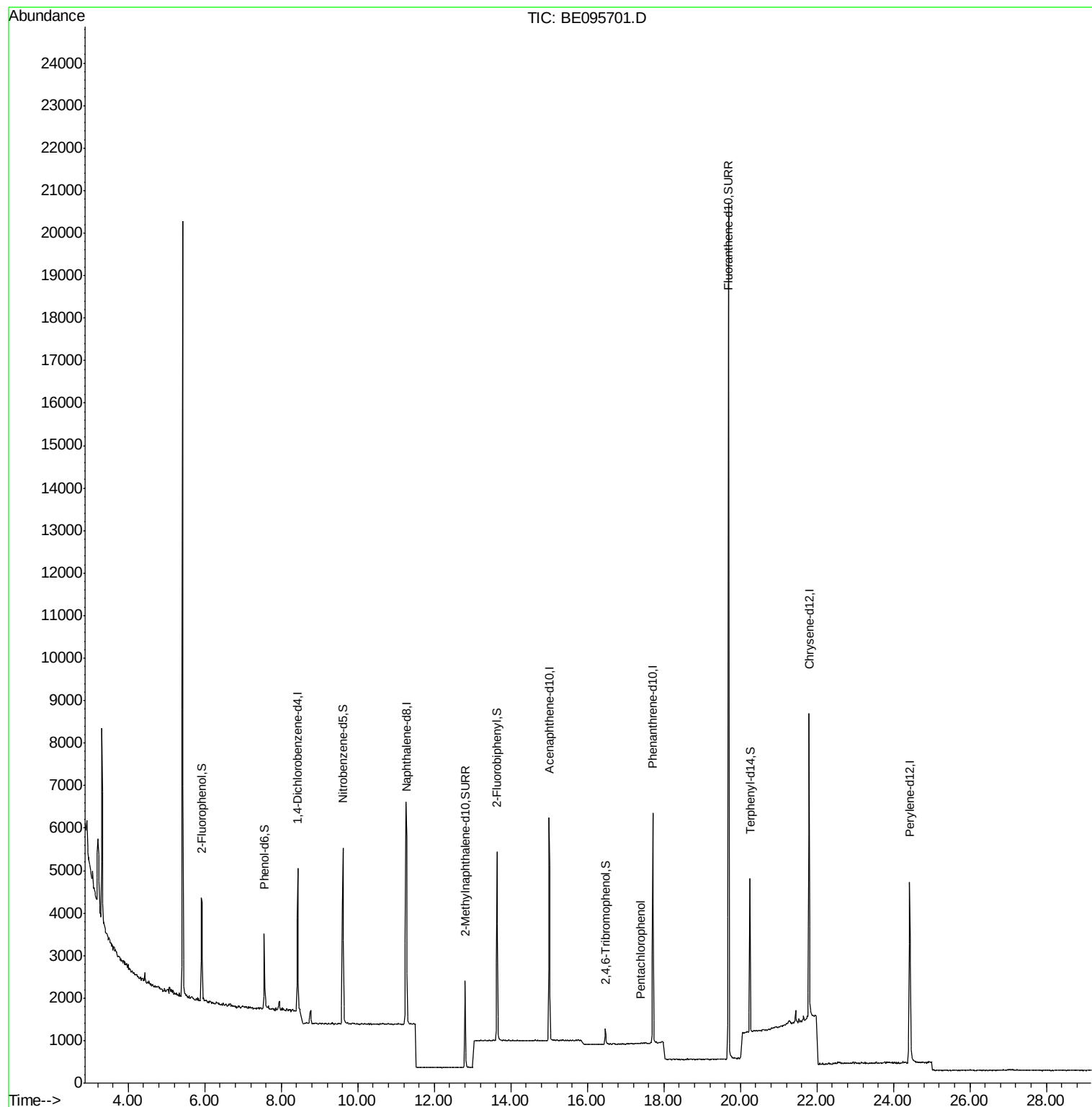
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.43	152	1576	0.40	ng	0.00
7) Naphthalene-d8	11.27	136	6028	0.40	ng	0.00
13) Acenaphthene-d10	15.00	164	3195	0.40	ng	0.00
19) Phenanthrene-d10	17.71	188	7252	0.40	ng	0.00
27) Chrysene-d12	21.80	240	7473	0.40	ng	0.00
34) Perylene-d12	24.43	264	6764	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.92	112	1253	0.30	ng	0.00
5) Phenol-d6	7.56	99	1627	0.28	ng	0.00
8) Nitrobenzene-d5	9.61	82	1664	0.27	ng	0.00
11) 2-Methylnaphthalene-d10	12.81	152	2802	0.28	ng	0.00
14) 2,4,6-Tribromophenol	16.47	330	231	0.27	ng	0.00
15) 2-Fluorobiphenyl	13.64	172	4002	0.28	ng	0.00
25) Fluoranthene-d10	19.69	212	26718	0.28	ng	0.00
29) Terphenyl-d14	20.25	244	4141	0.28	ng	0.00
Target Compounds						
22) Pentachlorophenol	17.38	266	1	0.179	ng	Qvalue 91

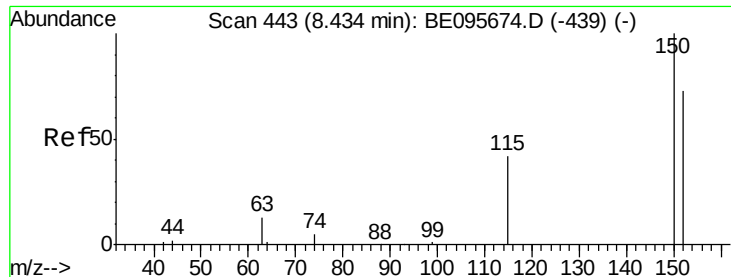
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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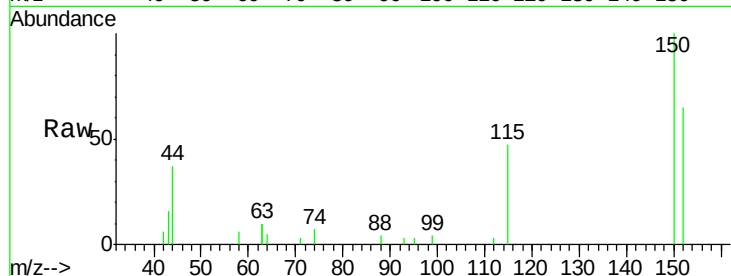


#1

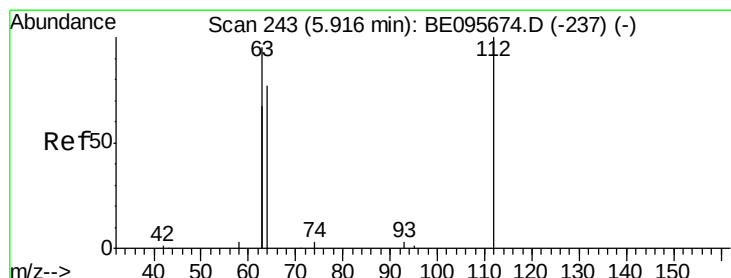
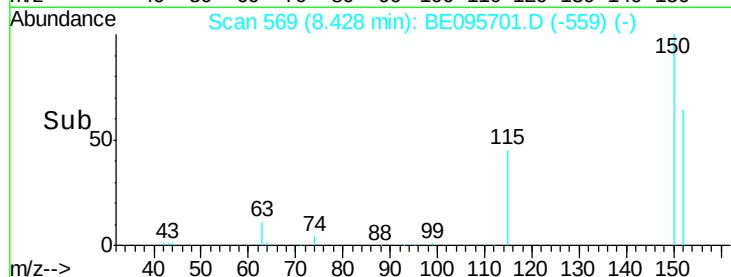
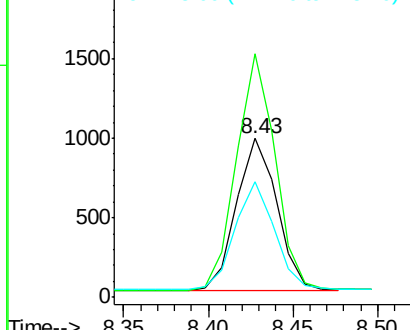
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 8.43 min Scan# 569
Delta R.T. -0.01 min
Lab File: BE095701.D
Acq: 6 Mar 2018 17:21

Instrument :
BNA_E
ClientSampleId :

Tot Ion:152 Resp: 1576
Ion Ratio Lower Upper
152 100
150 153.2 117.2 175.8
115 72.5 57.0 85.6



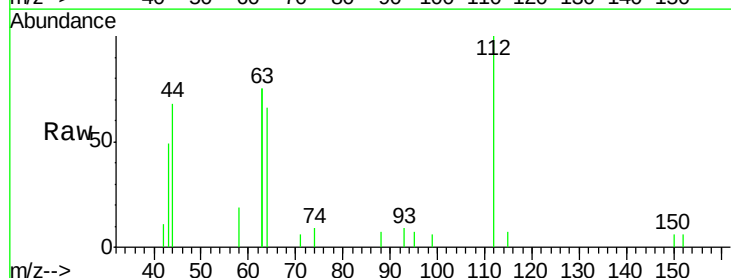
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



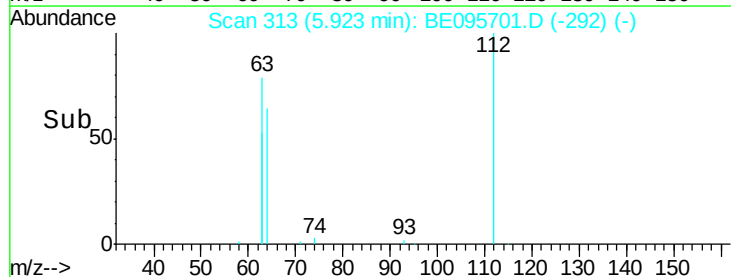
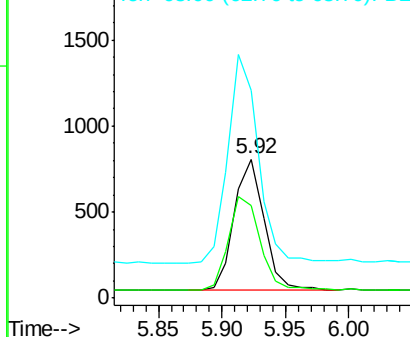
#4

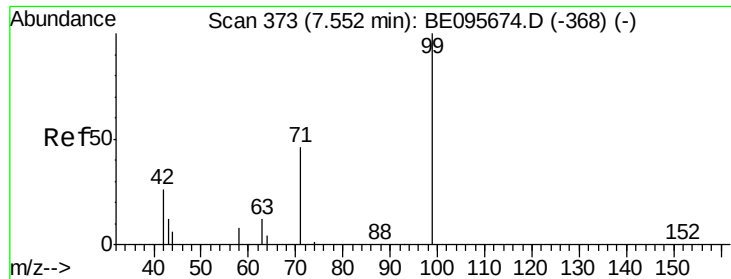
2-Fluorophenol
Concen: 0.301 ng
RT: 5.92 min Scan# 313
Delta R.T. 0.01 min
Lab File: BE095701.D
Acq: 6 Mar 2018 17:21

Tgt Ion:112 Resp: 1253
Ion Ratio Lower Upper
112 100
64 75.7 60.1 90.1
63 163.1 116.8 175.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BE0
Ion 63.00 (62.70 to 63.70): BE0





#5

Phenol-d6

Concen: 0.282 ng

RT: 7.56 min Scan# 480

Delta R.T. 0.00 min

Lab File: BE095701.D

Acq: 6 Mar 2018 17:21

Instrument :

BNA_E

ClientSampleId :

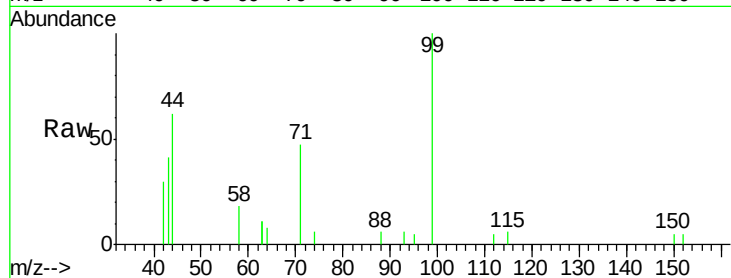
Tot Ion: 99 Resp: 1627

Ion Ratio Lower Upper

99 100

42 25.8 20.2 30.2

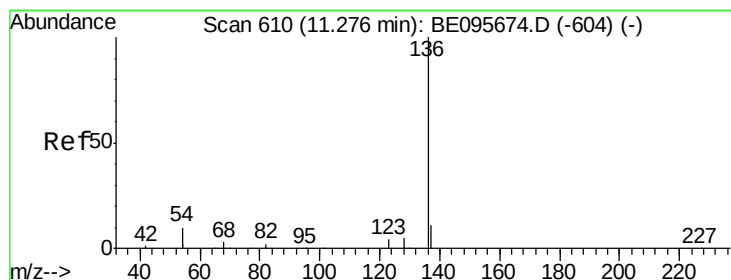
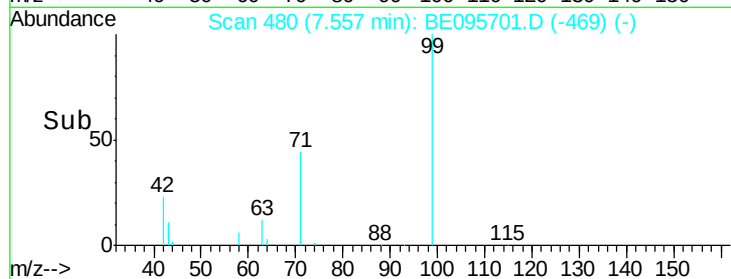
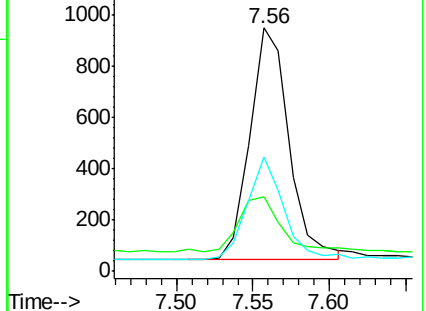
71 40.1 28.4 42.6



Abundance Ion 99.00 (98.70 to 99.70): BE0

Ion 42.00 (41.70 to 42.70): BE0

Ion 71.00 (70.70 to 71.70): BE0



#7

Naphthalene-d8

Concen: 0.400 ng

RT: 11.27 min Scan# 785

Delta R.T. -0.01 min

Lab File: BE095701.D

Acq: 6 Mar 2018 17:21

Tgt Ion: 136 Resp: 6028

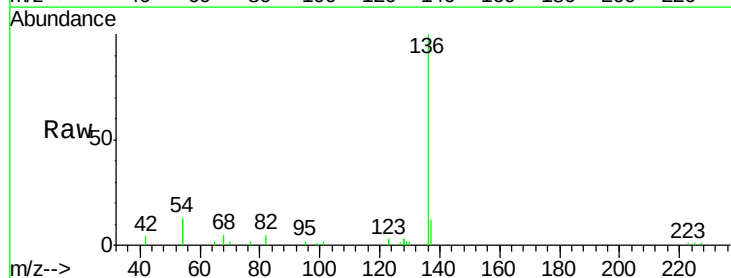
Ion Ratio Lower Upper

136 100

137 11.7 9.5 14.3

54 26.9 29.1 43.7#

68 5.4 6.2 9.2#

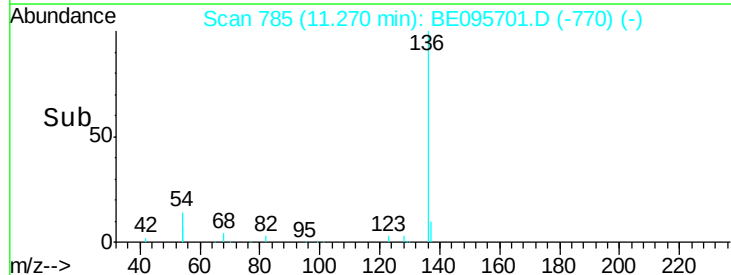
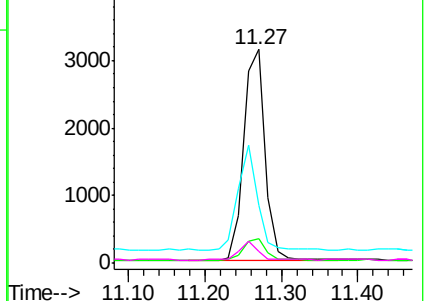


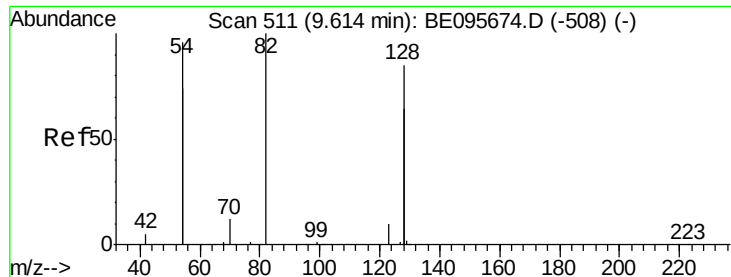
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BE0

Ion 68.00 (67.70 to 68.70): BE0





#8

Nitrobenzene-d5

Concen: 0.268 ng

RT: 9.61 min Scan# 657

Delta R.T. -0.01 min

Lab File: BE095701.D

Acq: 6 Mar 2018 17:21

Instrument :

BNA_E

ClientSampleId :

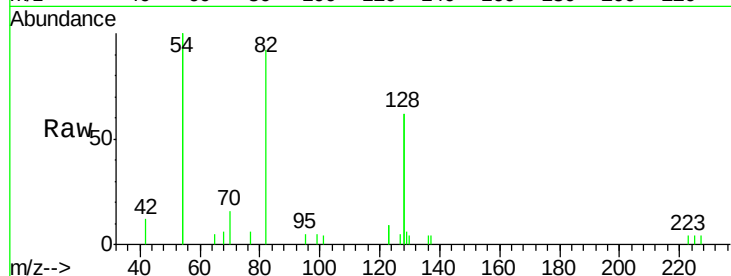
Tot Ion: 82 Resp: 1664

Ion Ratio Lower Upper

82 100

128 135.0 150.0 225.0#

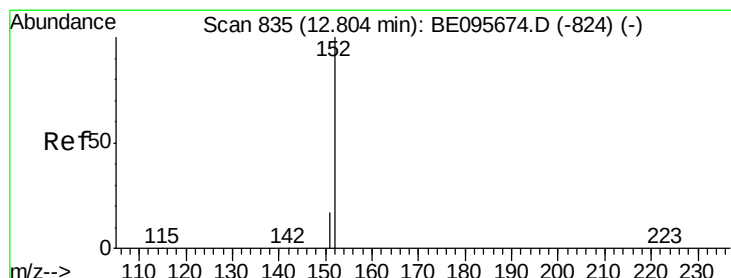
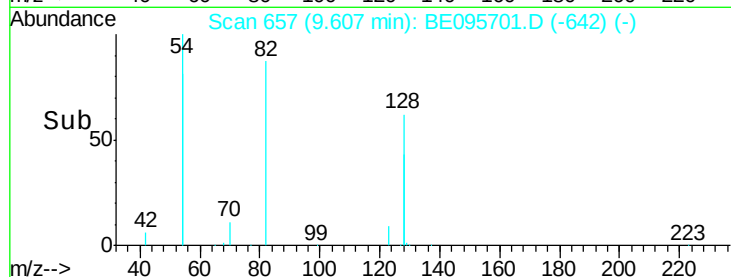
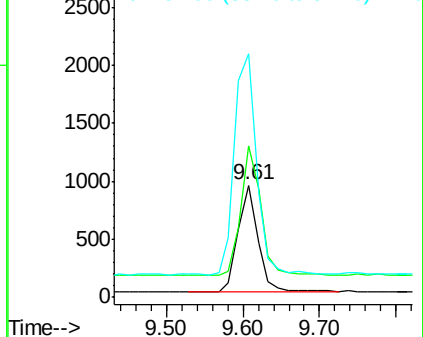
54 217.2 154.2 231.4



Abundance Ion 82.00 (81.70 to 82.70): BE0

Ion 128.00 (127.70 to 128.70): BE0

Ion 54.00 (53.70 to 54.70): BE0



#11

2-Methylnaphthalene-d10

Concen: 0.278 ng

RT: 12.81 min Scan# 1074

Delta R.T. 0.00 min

Lab File: BE095701.D

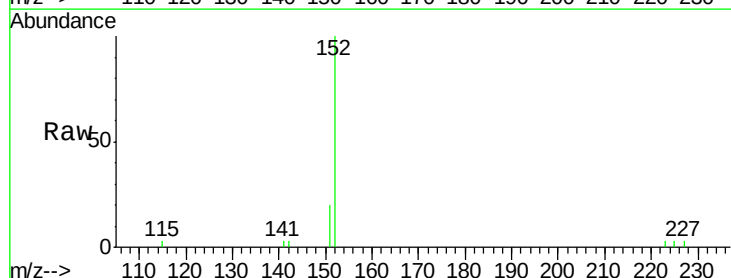
Acq: 6 Mar 2018 17:21

Tgt Ion: 152 Resp: 2802

Ion Ratio Lower Upper

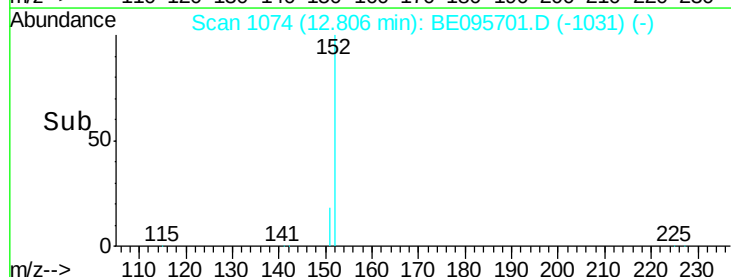
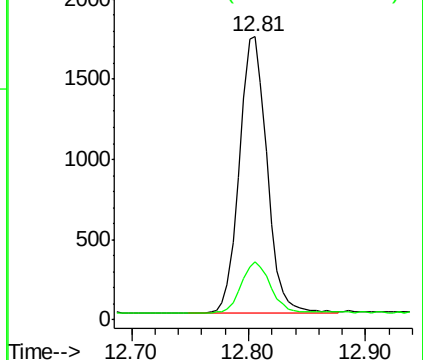
152 100

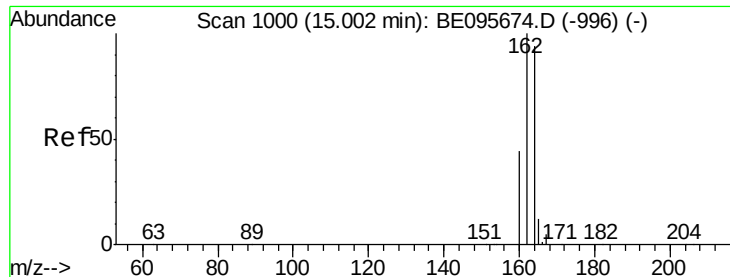
151 19.5 15.4 23.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E





#13

Acenaphthene-d10

Concen: 0.400 ng

RT: 15.00 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BE095701.D

Acq: 6 Mar 2018 17:21

Instrument :

BNA_E

ClientSampleId :

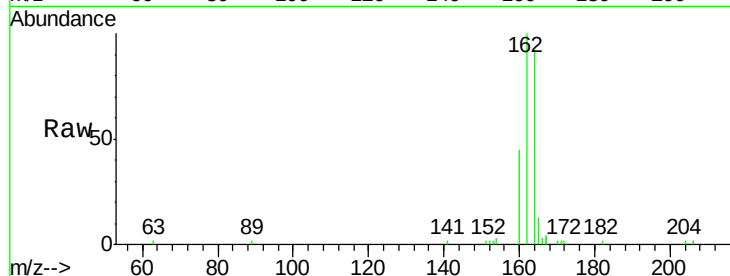
Tot Ion:164 Resp: 3195

Ion Ratio Lower Upper

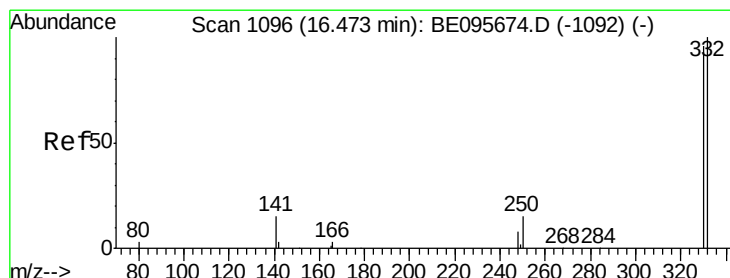
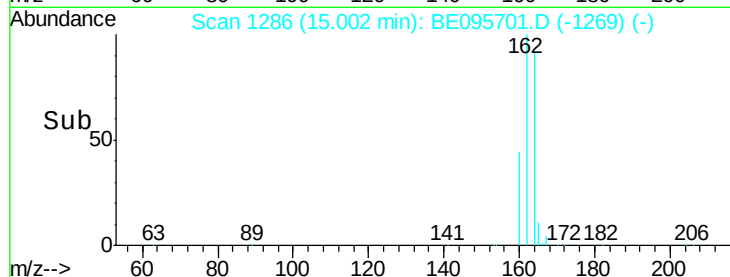
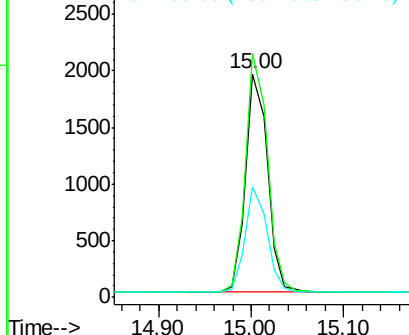
164 100

162 108.9 83.1 124.7

160 49.1 37.1 55.7



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#14

2,4,6-Tribromophenol

Concen: 0.267 ng

RT: 16.47 min Scan# 1409

Delta R.T. -0.00 min

Lab File: BE095701.D

Acq: 6 Mar 2018 17:21

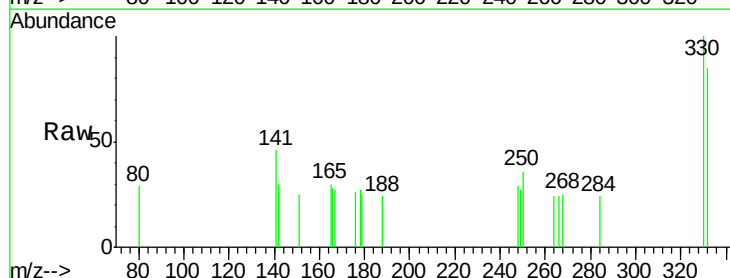
Tgt Ion:330 Resp: 231

Ion Ratio Lower Upper

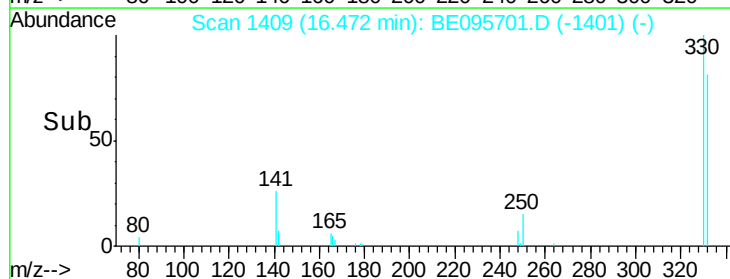
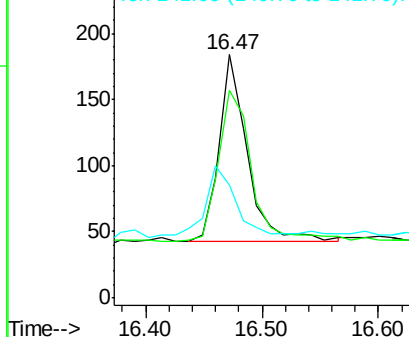
330 100

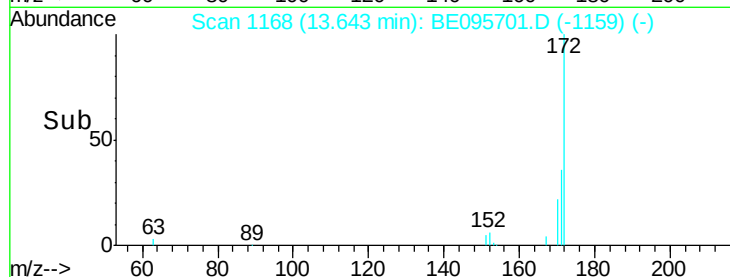
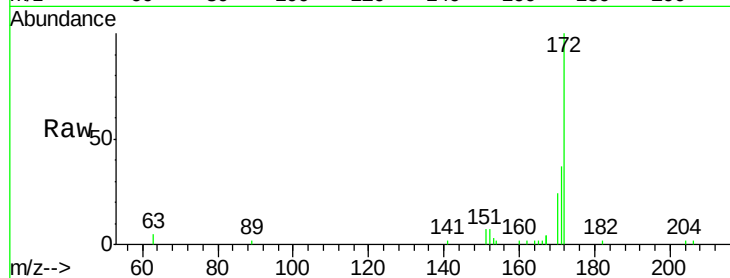
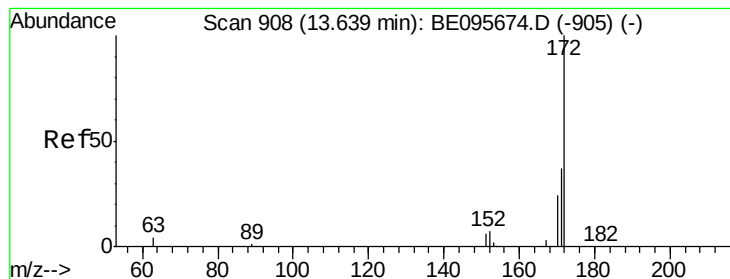
332 97.8 152.7 229.1#

141 44.6 33.7 50.5



Abundance Ion 330.00 (329.70 to 330.70): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E





#15

2-Fluorobiphenyl

Concen: 0.280 ng

RT: 13.64 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BE095701.D

Acq: 6 Mar 2018 17:21

Instrument :

BNA_E

ClientSampleId :

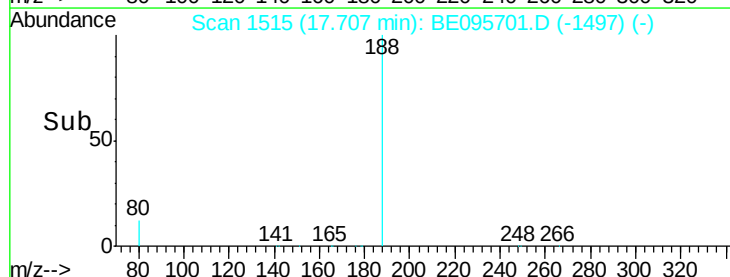
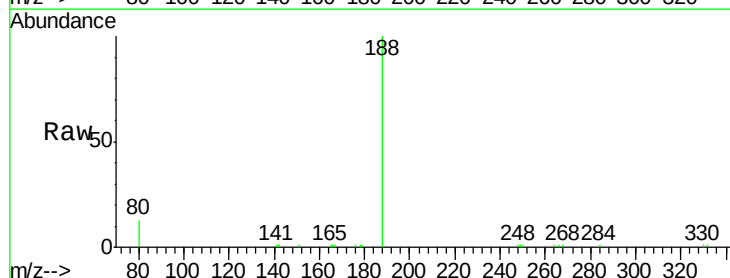
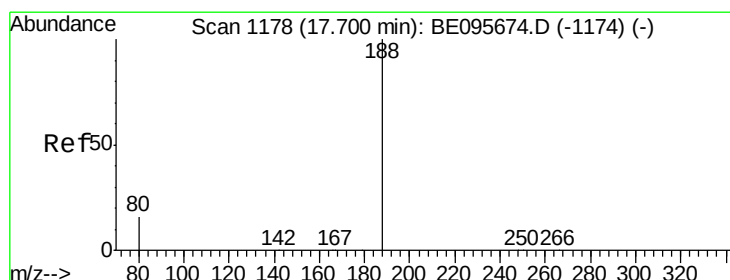
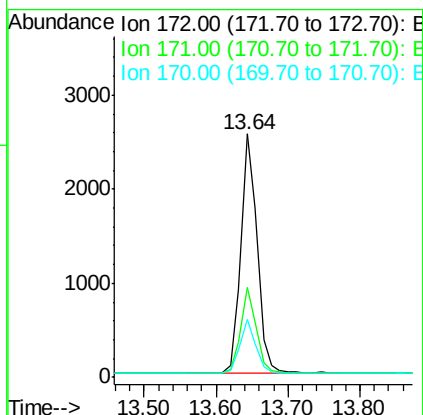
Tot Ion:172 Resp: 4002

Ion Ratio Lower Upper

172 100

171 37.2 29.9 44.9

170 23.6 21.8 32.8



#19

Phenanthrene-d10

Concen: 0.400 ng

RT: 17.71 min Scan# 1515

Delta R.T. 0.01 min

Lab File: BE095701.D

Acq: 6 Mar 2018 17:21

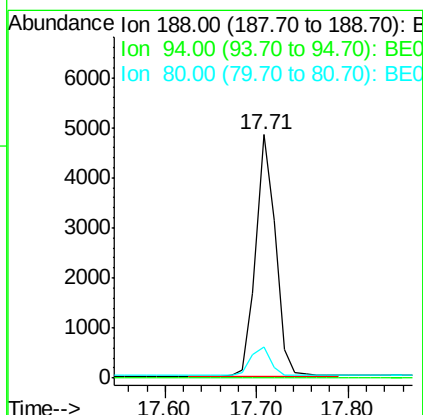
Tgt Ion:188 Resp: 7252

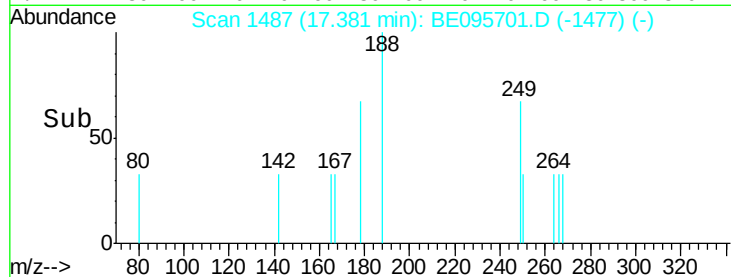
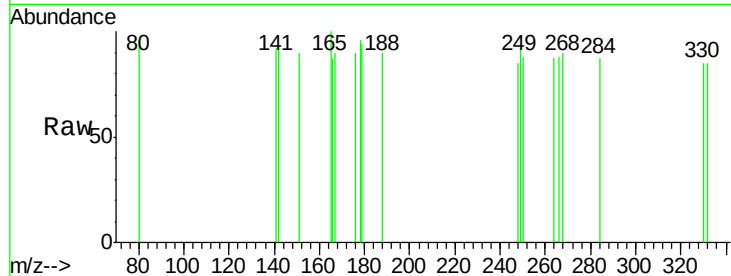
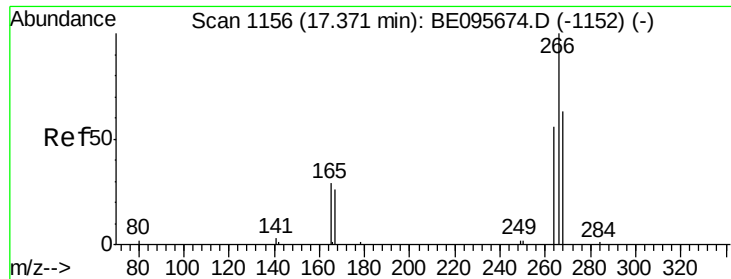
Ion Ratio Lower Upper

188 100

94 0.0 3.9 5.9#

80 12.7 3.6 5.4#





#22

Pentachlorophenol

Concen: 0.179 ng

RT: 17.38 min Scan# 1487

Delta R.T. 0.01 min

Lab File: BE095701.D

Acq: 6 Mar 2018 17:21

Instrument :

BNA_E

ClientSampleId :

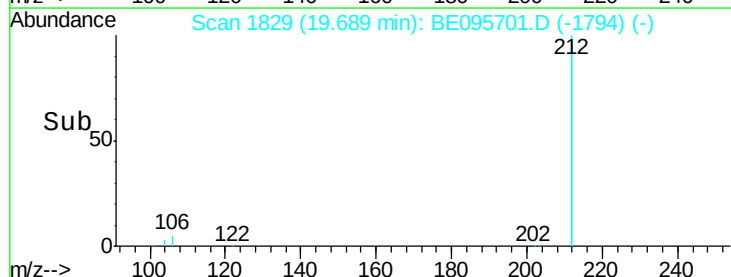
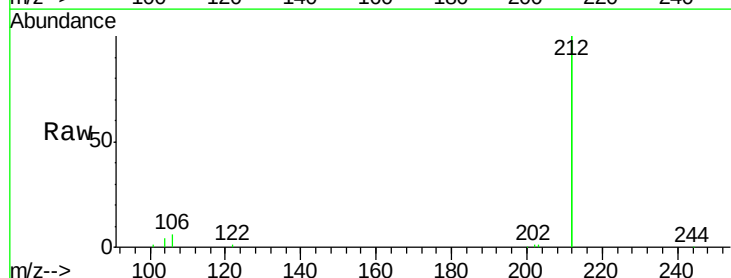
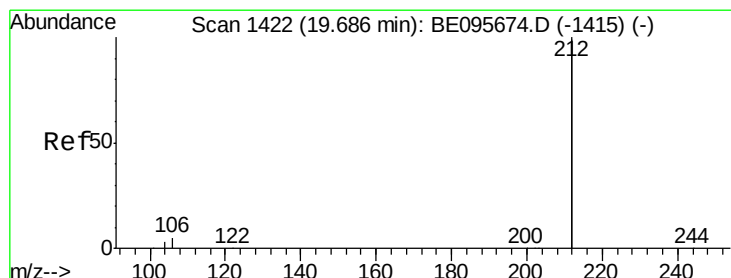
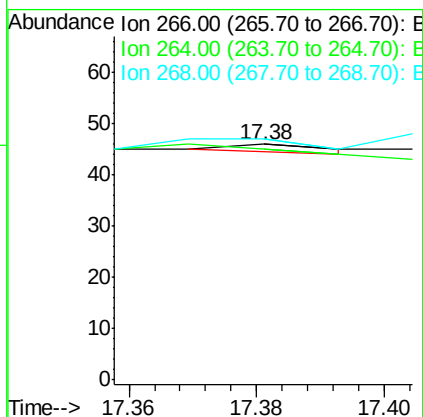
Tot Ion:266 Resp: 1

Ion Ratio Lower Upper

266 100

264 97.8 72.5 108.7

268 102.2 73.8 110.6



#25

Fluoranthene-d10

Concen: 0.282 ng

RT: 19.69 min Scan# 1829

Delta R.T. 0.00 min

Lab File: BE095701.D

Acq: 6 Mar 2018 17:21

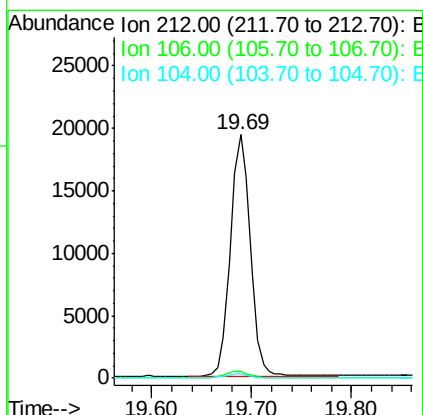
Tgt Ion:212 Resp: 26718

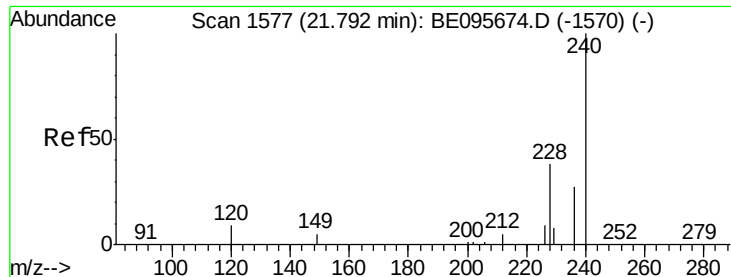
Ion Ratio Lower Upper

212 100

106 2.8 2.8 4.2

104 1.6 1.6 2.4

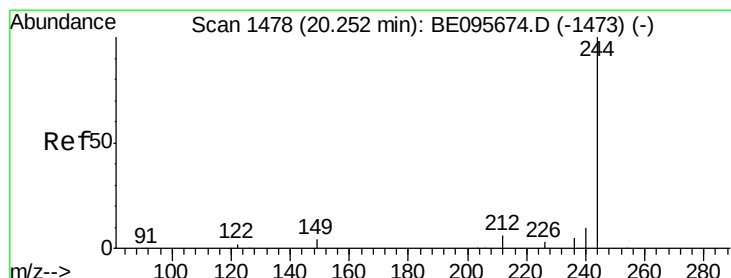
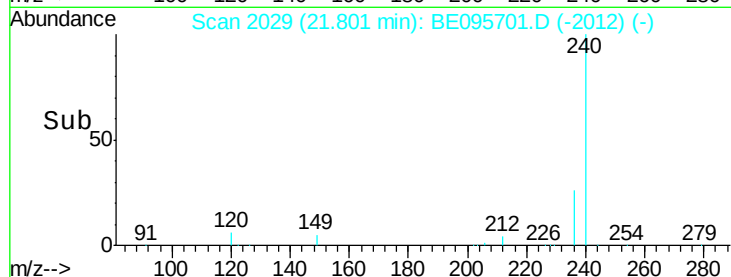
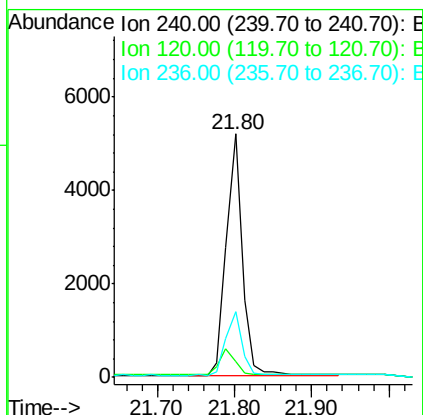
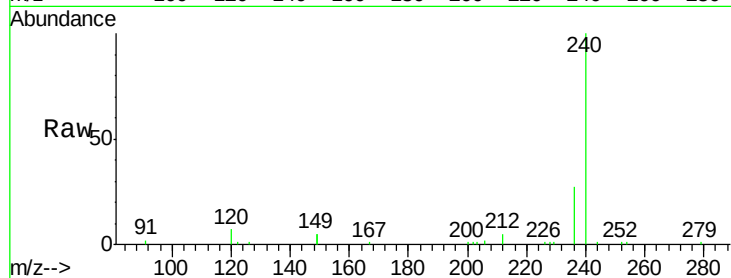




#27
 Chrysene-d12
 Concen: 0.400 ng
 RT: 21.80 min Scan# 2029
 Delta R.T. 0.01 min
 Lab File: BE095701.D
 Acq: 6 Mar 2018 17:21

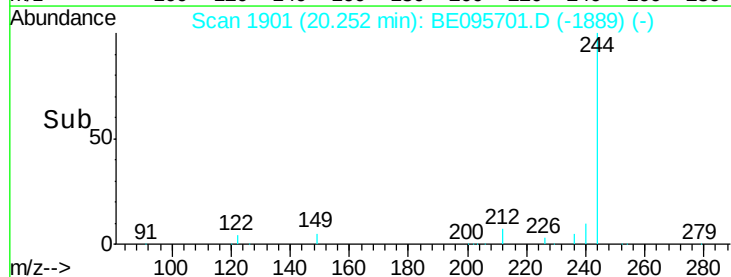
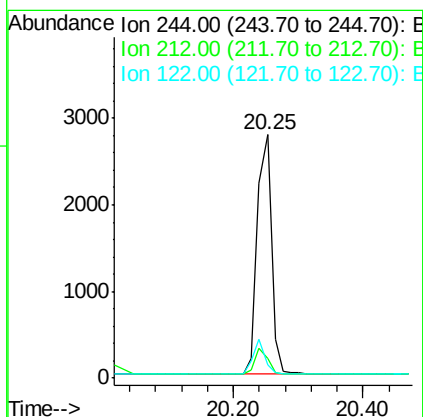
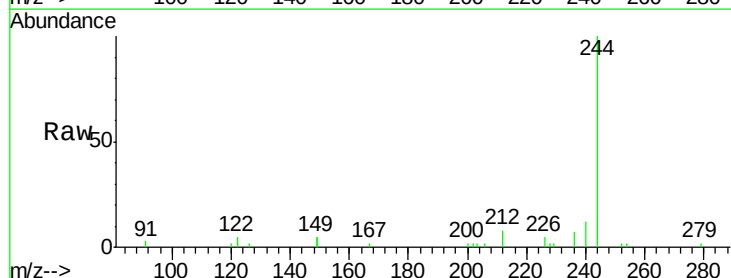
Instrument :
 BNA_E
 ClientSampleId :

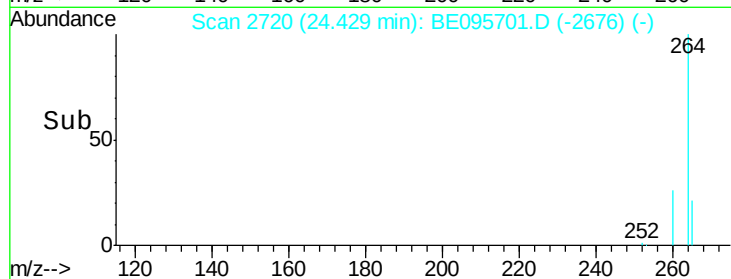
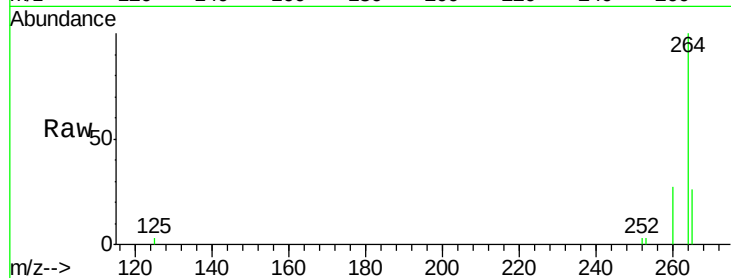
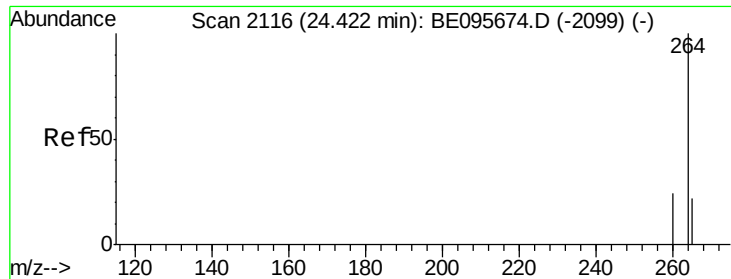
Tot Ion:240 Resp: 7473
 Ion Ratio Lower Upper
 240 100
 120 6.6 5.5 8.3
 236 27.1 20.7 31.1



#29
 Terphenyl-d14
 Concen: 0.278 ng
 RT: 20.25 min Scan# 1901
 Delta R.T. 0.00 min
 Lab File: BE095701.D
 Acq: 6 Mar 2018 17:21

Tgt Ion:244 Resp: 4141
 Ion Ratio Lower Upper
 244 100
 212 8.1 25.4 38.0#
 122 5.4 8.1 12.1#





#34
 Pervlene-d12
 Concen: 0.400 ng
 RT: 24.43 min Scan# 2720
 Delta R.T. 0.01 min
 Lab File: BE095701.D
 Acq: 6 Mar 2018 17:21

Instrument :
 BNA_E
 ClientSampleId :

Tot Ion:264 Resp: 6764
 Ion Ratio Lower Upper
 264 100
 260 27.3 20.5 30.7
 265 26.1 22.8 34.2

